



**PATENT**  
**Case OR-7289**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**SAMUEL A. SANGOKOYA ET AL.**

**SERIAL NO.: 10/751,144**

**FILED: DECEMBER 31, 2003**

**HALOALUMINOXANE COMPOSITIONS,  
THEIR PREPARATION, AND THEIR USE  
IN CATALYSIS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Enclosed herewith for consideration by the Examiner is an Information Disclosure Form  
PTO/SB/08A with 22 documents listed, but only 7 enclosed.

Respectfully Submitted,

John F. Sieberth  
Reg. No. 17,704  
Associate Attorney of Record

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**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Cynthia M. Farr



PTO/SB/08a (08-03)

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<b>Substitute for form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>	
			<b>Application Number</b>	10/751,144
			<b>Filing Date</b>	December 31, 2003
			<b>First Named Inventor</b>	Samuel A. Sangokoya
			<b>Art Unit</b>	----
			<b>Examiner Name</b>	----
<b>Sheet</b> 1 <b>of</b>			<b>Attorney Docket Number</b>	OR-7289

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	US-1	US-5120696	06-09-1992	Tsutsui et al.	
	US-2	US-5235081	08-10-1993	Sangokoya	
	US-3	US-5329032	07-12-1994	Tran et al.	
	US-4	US-5416229	05-16-1995	Tran et al.	
	US-5	US-5731253	03-24-1998	Sangokoya	
	US-6	US-5831109	11-03-1998	Smith et al.	
	US-7	US-5936060	08-10-1999	Schmiegell	
	US-8	US-6046347	04-04-2000	Jones et al.	
	US-9	US-6060418	05-09-2000	Sangokoya	
	US-10	US-6153550	11-28-2000	Kissin	
	US-11	US-6153551	11-28-2000	Kissin et al.	
	US-12	US-6194340 B1	02-27-2001	Sangokoya	
	US-13	US-6211111 B1	04-03-2001	Chen et al.	
	US-14	US-6306986 B1	10-23-2001	Teasley	
	US-15	US-6437205 B1	08-20-2002	Miller et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code*	-Number* -Kind Code <sup>2</sup> (if known)			
	FP-1	JP	49293/1992	02-18-1992	Idemitsu Kosan Co., Ltd.	
	FP-2	RU	464602	03-25-1975	Korneev, et al.	not translated
	FP-3	RU	464602	03-25-1975	Korneev et al.	
	FP-4	WO	03/082466 A1	10-09-2003	Albemarle Corporation	
	FP-5	WO	03/082879 A1	10-09-2003	Albemarle Corporation	

<b>Examiner Signature</b>	<b>Date Considered</b>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/751,144
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				First Named Inventor	Samuel A. Sangokoya
				Group Art Unit	----
				Examiner Name	----
				Attorney Docket Number	OR-7289
Sheet	2	of	2		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	L-1	Sato, H., et al., "Studies on Nickel-Containing Zieler-Type Catalysts. I. New Catalysts for High-cis-1,4-polybutadiene, Bull. Chem. Soc. Jpn., 65, 1992, ppg 1299-1306.	
	L-2	Siergiejczyk, et al., "Reactions of methylaluminium halides with lead oxide", Polimery - Tworzywa Wielkocząsteczkowe, 1986, ppg 397-398.	

Examiner Signature		Date Considered	
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